

Evaluation Table

PEP ID:	XXXXX
Manufacturer:	Name of Manufacturer
Product Name:	Name of Product

1008 Prismatic Reflectors

1008 Markers for Concrete Barrier - Hard Plastic Prismatic Reflector Types

For Temporary Conditional Approval Only – Specification Under Review

ADOT Standard Specification: 1008

ADOT Standard Drawing: M-32

Responsible Section: Materials Group

Material Property	Specification/ Test Method	Requirement	Results	Pass / Fail
General Requirements	1008-1(A)	The retroreflectors shall consist of a plastic face (herein referred to as the lens) and an opaque back fused to the lens (under heat and pressure) around the entire perimeter to form a homogeneous unit permanently sealed against dust, water, and water vapor.		
Lens Surface	1008-1(A)	The lens shall consist of a smooth front surface free from projections or indentations other than for identification and a rear surface bearing a prismatic configuration such that it will affect total internal reflection of light.		
Trademark	1008-1(A)	The manufacturer's trademark shall be molded legibly into the face of the lens.	Not required for temporary conditional approval as per Traffic Group	
Retroreflective Area	1008-2	The lens shall have a retroreflective area of not less than 6.5 square inches.		

Housing	1008-2	The delineator or object marker device shall consist of an acrylic plastic retroreflector unit mounted in a housing fabricated of 0.063 inch 3003-H-14 or similar aluminum, or of cold rolled, hot dip, galvanized steel, having a thickness of 0.064 inches.	Not required for temporary conditional approval as per Traffic Group	
Specific Intensity, Delineators and Object Markers, candelas per foot candle per sq inch, (0.1 Observation Angle / 0 Entrance Angle)	1008-3 Table 1008-1	White: 17.7 (also crystal, clear, or colorless)		
		Yellow: 6.5		
		Green: 4.6		
		Red: 4.6		
Specific Intensity, Delineators and Object Markers, candelas per foot candle per sq inch, (0.1 Observation Angle / 20 Entrance Angle)	1008-3 Table 1008-1	White: 6.9 (also crystal, clear, or colorless)		
		Yellow: 3.8		
		Green: 1.8		
		Red: 1.8		